

IMPERIAL REFINING SUPERFUND SITE

Ardmore, Oklahoma

EPA Region 6

EPA ID# OK0002024099

Congressional District: 04

Fact Sheet Updated: April 2, 2003



SITE DESCRIPTION

Location: The site is located on Highway 142, Ardmore, Carter County, Oklahoma.

Setting: Imperial Refining is an inactive and abandoned crude oil refining facility that operated from 1917 until 1924 and declared bankruptcy in 1934.

Population: There are an estimated 130 residents who live within 200 feet of the facility and an estimated 23,427 individuals who live within four miles of the facility. There is no school or daycare center located within 200 feet of the facility.

PRESENT STATUS AND ISSUES

The ODEQ is the lead agency for remedial activity. The State is writing the Statement of Work and preparing contract paperwork.

WASTES AND VOLUMES

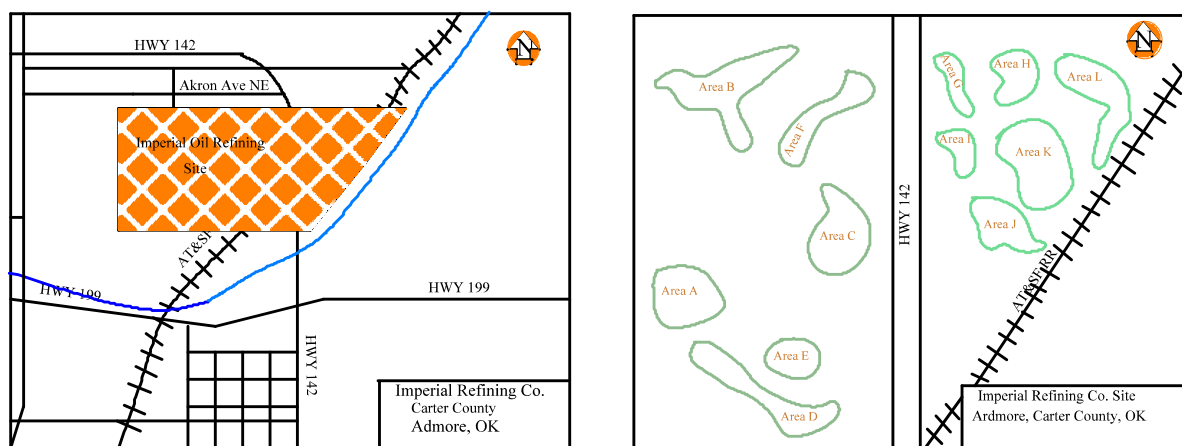
When the facility ceased operations in 1924, the tanks, piping, and structures were dismantled. During this activity, waste products associated with these materials were dumped onto the ground. The waste includes contaminated soils from tank bottoms, coke piles, reservoir sediments, and building rubble.

The waste piles are found in 12 areas on site and are characterized as dry, asphalt-like tar mats associated with oil-contaminated soil on top of an oil-stained clay. The estimated volume for all 12 areas is between 15,000 and 17,000 cubic yards. Analytical results found BTEX (benzene, toluene, ethylbenzene, and xylene), PAHs (polyaromatic hydrocarbons), O&G (oil and grease), and metals.

NATIONAL PRIORITIES LIST

NPL Inclusion Proposal Date:	May 11, 2000
NPL Inclusion Final Date:	July 27, 2000
NPL Deletion Proposal Date:	n/a
NPL Final Deletion Date:	n/a

SITE MAP



SITE HISTORY

The Imperial Site is an abandoned crude oil refinery that has been inactive since 1924. The original facility included the refinery structures, storage tanks, and piping.

- April 1917: Imperial Refining Company purchased eastern portion of property.
- July 1917: Imperial Refining Company purchased western portion of property.
- 1924: Refinery operations were abandoned and property dismantled.
- 1934: Imperial Refinery declared bankruptcy.
- Sept 24, 1997: Oklahoma Department of Environmental Quality (ODEQ) Preliminary Site Investigation Report—file review, comprehensive target survey, and site reconnaissance.
- July 31, 1998: ODEQ Site Inspection Narrative Report—sampling waste sources, surface water and soil.
- September 1998: ODEQ referred the site to EPA.
- May 28, 1999: Removal Assessment Report— multi-media sampling, deed and title search, waste volume calculations, and disposal cost estimates.
- April 2000: Hazard Ranking System Documentation completed.
- May 11, 2000: Imperial proposed to the National Priorities List.
- July 27, 2000: Imperial added to the National Priorities List (NPL).
- 2000: Potential Responsible Party (PRP) Search initiated.
- March 21, 2001: EPA mails Information Request letters (13 total).
- August 27, 2001: EPA mails General Notice letters to two PRPs.
- December 11, 2001: ATSDR issues the Final Health Assessment
- April 23-24, 2002: ODEQ and EPA conducted community interviews.
- May 8, 2002: Notice and Demand for Payment Letter sent to one PRP.
- February 24, 2003: State becomes the lead agency for remedial activities.

ENFORCEMENT HISTORY

- Enforcement letters were sent to 13 parties that may have had information related to the site or operations of the Imperial Facility on March 21, 2001.
- Two identified parties were mailed General Notice Letters on August 27, 2001.
- Notice and Demand for Payment letter sent to one PRP on May 8, 2002.

HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT

The potential exists for elevated health/ecological risk levels associated with BTEX (benzene, toluene, ethylbenzene, and xylene), PAHs (polynuclear aromatic hydrocarbons), O&G (oil and grease), and metals involved in refinery activities. At present, the media of concern include surface water, sediments, surrounding wetland areas, and soil. Ground water and air have yet to be evaluated.

RECORD OF DECISION

The Record of Decision (ROD) will be issued after the Proposed Plan is released and public comments are received.

COMMUNITY INVOLVEMENT

Site Mailing List: community interests
EPA Open Houses:
ATSDR Community Availability Session: 01/01
Proposed Plan Fact Sheet and Public Meeting:
ROD Fact Sheet:
Status Fact Sheets: 07/00, 05/01
EPA Formal Meetings: This will be held after the completion of Proposed Plan.
Community Relations Plan:
Constituency Interest: Nearby residents
Site Repository: Ardmore Public Library, 320 E. Street N.W., Ardmore, Oklahoma
73401 Telephone: 580-223-8290

TECHNICAL ASSISTANCE GRANT

Availability Notice: Public Notice - March 2001
Letters of Intent Received: March 5, 2001 from Eastside Renaissance, Inc.
Final Application Received: All other applications must be received by EPA by May 12, 2001
Grant Award: n/a

SITE CONTACTS

EPA Remedial Project Manager:	Katrina Coltrain	214-665-8143 or 1-800-533-3508
Site Attorney:	I. Jung Chiang	214-665-2160 or 1-800-533-3508
Community Involvement:	Duke Ducote	214-665-6658 or 1-800-533-3508
ATSDR:	Jill Dyken	1-888-422-8737
EPA Ombudsman:	Arnold Ondarza	1-800-533-3508
ODEQ State Contact:	Angela Brunsman	405-702-5135

REALIZED CLEANUP BENEFITS

- Remediation of the contaminated media will reduce the health and ecological risk associated with the contaminants.
- Revitalization of surrounding wetland areas.